

# Accident / Incident Report      Closed



Unit/Department	Process Area	Site	Report Number
North Operations-Elyria	Copper - Building 10	ELYRIA	0084-NOPS-15-0124
Report Date	Incident Date	Incident Time	Copied From
09/01/2015	09/01/2015	09:00 AM	
Incident Location	Team Leader / Supervisor	Reported By	
Building 10	Abe Ahmed	Ray Bobak	
Title of Event (Limit to 90 characters)	Category	Division / Bus. Group / Subgroup Code	
Wyssmont Exhaust Stack	<input type="checkbox"/> Safety & Health <input type="checkbox"/> Environmental	CC / G-CCP	

## Incident Classification

<input type="checkbox"/> Near Miss	<input type="checkbox"/> Property Loss	<input type="checkbox"/> Contractor
<input type="checkbox"/> Process Safety	<input type="checkbox"/> Citation / NOV	<input type="checkbox"/> Contractor Injury / Illness
<input type="checkbox"/> Injury / Illness	<input type="checkbox"/> Health Exposure	<input type="checkbox"/> Contract Injury / Illness
<input checked="" type="checkbox"/> Spill / Release	<input type="checkbox"/> Inspection	<input type="checkbox"/> PSM
<input type="checkbox"/> Permit / Regulatory Deviation	<input type="checkbox"/> Major Incident	<input type="checkbox"/> Plant Upset
<input type="checkbox"/> Fire	<input type="checkbox"/> Non-Occupational	<input type="checkbox"/> EHS Management System Failure
<input type="checkbox"/> Odor Complaint	<input type="checkbox"/> RMP	<input type="checkbox"/> Other

## Describe Event / What Happened

When walking the plant, the production manager was notified that there may be a slight haze in the alleyway north of Building 10. Upon receiving this information, the production manager went up on the roof to investigate. After observing and consulting with the environmental specialist, it was determined that it was coming from the Wyssmont dryer stack.

## Immediate Corrective Action or Response

Shut down the process to troubleshoot and determine cause.

## Immediate Cause

Still under investigation.

Spill Release Type(s)	Non RQ Spill / Release						
Chemical(s) Involved	CAS #	Phy. State	Air	Land	Water	Contmnt	Units
Oxy 8c Oxychlor	N/A	Dust	1	0	0	0	lbs
Disposition of Material	No clean up required, no visible product.						
Weather Conditions	Skies:	Temperature:	Wind Direction:	Wind Speed:			

## Cause Narrative

It was observed that the Sly Scrubber recirculation pump was off. The dust collector vents through the scrubber. In addition, the Wyssmont dust collector was leaking. After opening up the dust collector, it was seen that some of the bags were not installed properly. After opening up the scrubber, it was observed that the scrubber sump was full of product and had actually built up above the recirculation pump suction.

Contributing Causes	Root/Primary Causes		
The make up water for the scrubber was shut off. Exact timing/reasoning is unknown.	111 - Procedures	130 - Wrong/Incomplete	136 - Incomplete/Situation Not Covered
There is no trigger in the system for operations to open up the scrubber to inspect for solids.	28 - Equipment Reliability Program Implementation LTA	32 - Preventive Maintenance LTA	33 - Frequency LTA
Some of the bags in the Wyssmont dust collector were leaking.	28 - Equipment Reliability Program Implementation LTA	32 - Preventive Maintenance LTA	35 - Activity Implementation LTA

<b>Explanation of Root Causes</b>			
111/130/136 - May have been shut off when WWTP was backed up. Procedure says to shut off scrubber but does not specify how.			
28/32/35 - Bags were changed out January 2015, inspection showed product inside a number of the bags. Believe that they were installed improperly.			
28/32/33 - Opening up the scrubber to inspect for solids would tell us if there is any issues with the dust collector.			
Any known or potential off-site impacts?	No	PSM Incident?	No
Investigation Team		Estimated Cost: <b>7,500.00 USD</b>	
		Jack Pettry; Mark Goodman; David D Hritsko; Abe Ahmed	

Item	Corrective Action(s) to prevent recurrence	Responsible Person	Target Date	Final Closed Date	VC Req	VE Req
1	Update the operating procedure to most recent format, includes various start up/shut down scenarios.	Mark Goodman/NA/BASF	12/18/2015	12/11/2015	N	N
2	Add PM to open scrubber quarterly to inspect for solids build up.	Lee McClish/NA/BASF	10/31/2015	09/24/2015	N	N
3	Change out the filters in the Wyssmont dust collector.	David D Hritsko/NA/BASF	09/30/2015	09/14/2015	N	N
4	Make scrubber repairs - includes changing the pump, rotometer, clearing piping and product from scrubber.	David D Hritsko/NA/BASF	09/30/2015	09/14/2015	N	N

<b>Approved By:</b>			
Manager / Dept. Head	Abdallah Ahmed	09/28/2015 12:45 PM	
EHS Unit Coordinator	Valerie Douglas	10/01/2015 12:46 PM	
Safety & I.H.	Valerie Douglas	09/30/2015 09:18 AM	
<b>Confidential</b>			